

Data File : VU033104.D
Acq On : 01 Jul 2019 10:54
Operator : JC/SP
Sample : K3599-14
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM23

Manual Integrations
APPROVED

MMDadoda
7/3/2019 8:59:25 AM

Quant Time: Jul 09 08:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	351836	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182914	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78613	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.38%
7) Chloroethane-d5	1.64	69	58310	30.41	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.82%#
11) 1,1-Dichloroethene-d2	2.23	63	137521	28.39	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.78%#
21) 2-Butanone-d5	4.19	46	186317	93.10	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.63	84	187009	40.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.02%
26) 1,2-Dichloroethane-d4	5.30	65	131672	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.58%
32) Benzene-d6	5.32	84	358813	39.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.12%
36) 1,2-Dichloropropane-d6	6.32	67	118497	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.00%
41) Toluene-d8	7.56	98	324146	37.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.36%#
43) trans-1,3-Dichloropropene-	7.85	79	58309	38.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.62%
47) 2-Hexanone-d5	8.32	63	122516	89.67	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	193027	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	138769	39.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.40%#

Target Compounds					Qvalue
22) 2-Butanone	4.28	43	16544m	5.774	ug/L
34) Trichloroethene	6.17	95	19730	7.275	ug/L
46) Tetrachloroethene	8.22	164	141345	63.601	ug/L

(#) = qualifier out of range (m) = manual integration (+) = signals summed

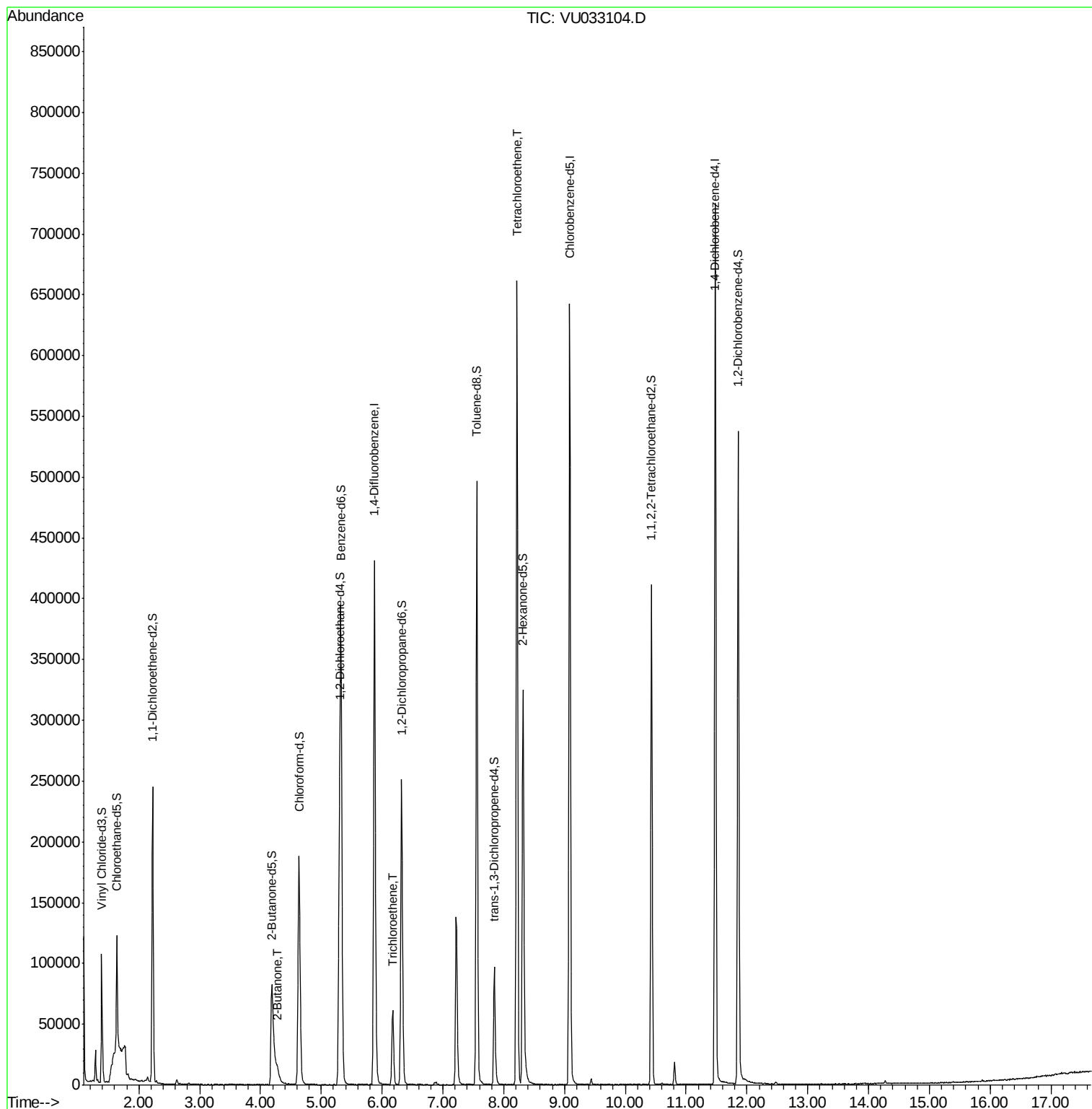
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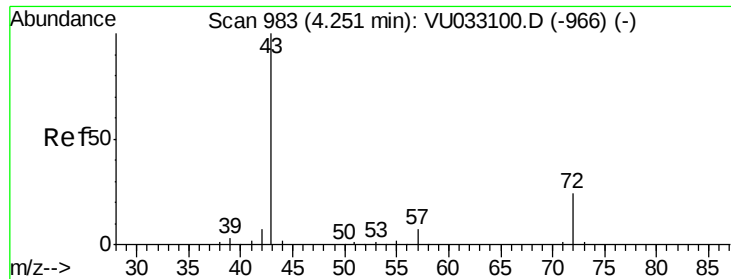
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#22

2-Butanone

Concen: 5.774 ug/L m

RT: 4.28 min Scan# 992

Delta R.T. 0.03 min

Lab File: VU033104.D

Acq: 01 Jul 2019 10:54

Instrument :

MSVOA_U

ClientSampleId :

GAM23

Tgt Ion: 43 Resp: 16544

Ion Ratio Lower Upper

43 100

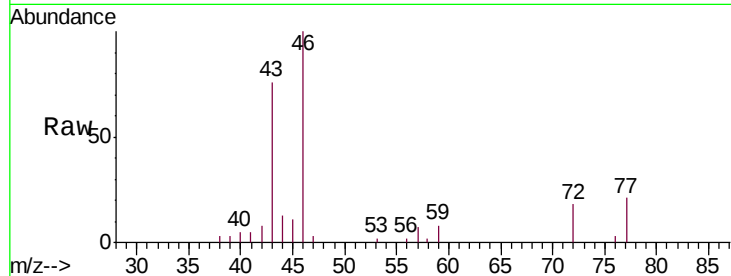
72 5.4 12.9 38.6#

Manual Integrations

APPROVED

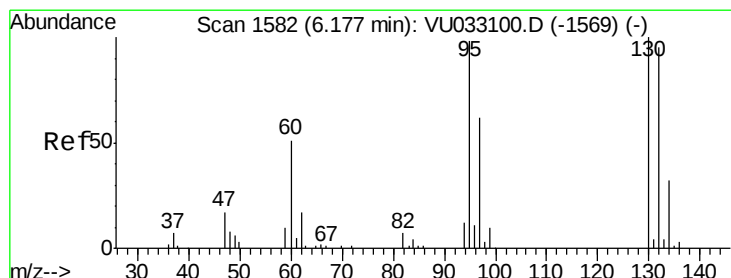
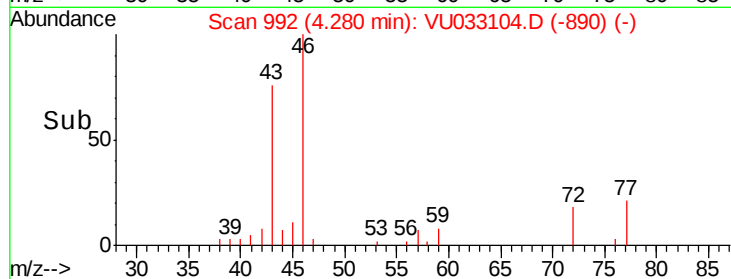
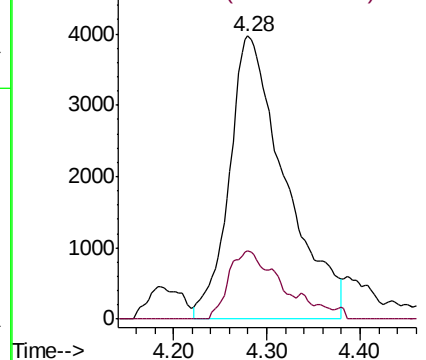
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7/3/2019 8:59:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VU033100.D (-966) (-)

Ion 72.00 (71.70 to 72.70): VU033100.D (-966) (-)



#34

Trichloroethene

Concen: 7.275 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VU033104.D

Acq: 01 Jul 2019 10:54

Tgt Ion: 95 Resp: 19730

Ion Ratio Lower Upper

95 100

97 65.8 45.9 85.3

132 95.3 68.5 127.3

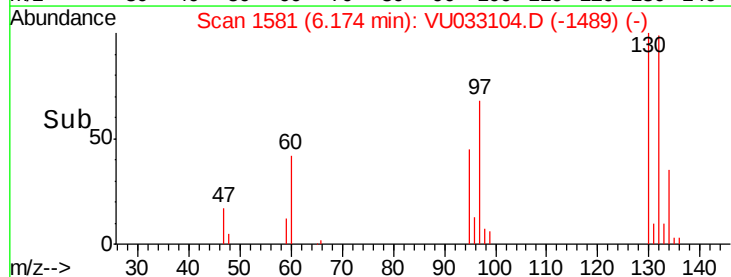
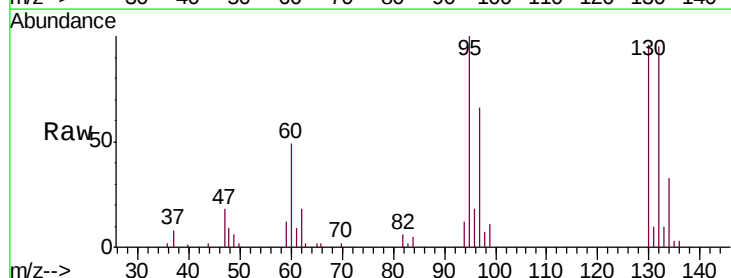
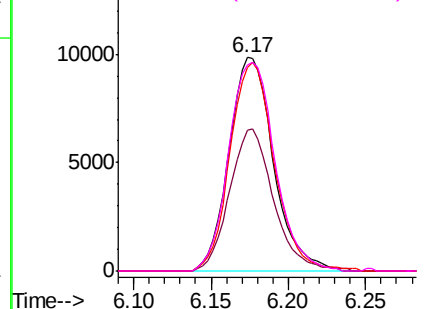
130 96.3 70.8 131.4

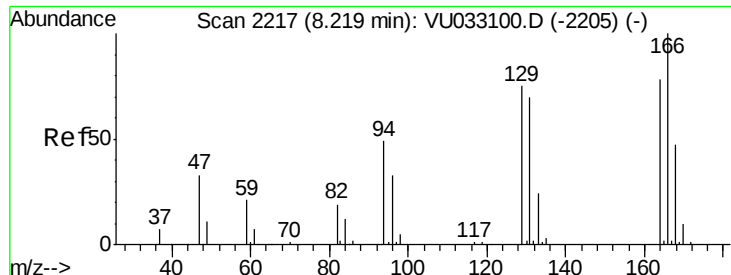
Abundance Ion 95.00 (94.70 to 95.70): VU033100.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU033100.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU033100.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU033100.D (-1569) (-)





#46

Tetrachloroethene

Concen: 63.601 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033104.D

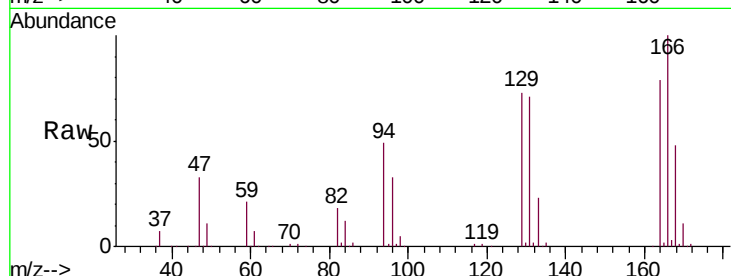
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Tgt Ion:164 Resp: 141345

Ion Ratio Lower Upper

164 100

129 92.8 64.8 120.3

131 90.5 64.5 119.7

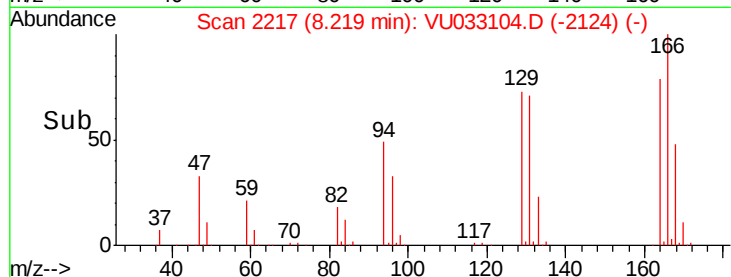
166 127.1 91.3 169.6

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

